Requirements for the use of temperature treatments as phytosanitary measures (2014 – 005)

IPPC Consultation Period1 July to 30 September 2016





Background

IPPC Secretariat (2013) Call for topics in 2013: proposals for the development of requirements for phytosanitary treatments

CPM-9 (2014)

Added the topic in April 2014

SC May 2015

 approved Specification 62 (Requirements for the use of phytosanitary treatments as phytosanitary measures)

TPPT Sep 2015

First draft

TPPT Dec 2015

Draft revision

SC May 2016

 Approval of the draft ISPM for first consultation period



General Considerations

Reason for the ISPM:

There are many temperature treatments used in international trade to prevent the introduction and spread of pests of plants

Temperature treatments adopted under ISPM 28 only state the treatment schedule

There is a need for technical guidance on the application of temperature treatments as phytosanitary measures for regulated pests





General Considerations (cont'd)

Purpose of the draft ISPM

Provide harmonized requirements for temperature treatments



Provide guidance on main operational requirements for each type of temperature treatment

Ensure that treatments are applied effectively to minimize economic and environmental impacts





Drafting Issues

TPPT <u>included</u> in the scope:

- Cold treatment
- Heat treatments
 - √ hot water immersion
 - √ vapour heat
 - √ dielectric heat
 - √ dry heat

TPPT did <u>not included</u> in the scope:

"quick freeze or cryogenic" and "joules-ohmic heating"

as they are not widely used as a phytosanitary measure





Drafting Issues (cont'd)

TPPT and SC discussed the inclusion of the statement that under some circumstances, **live but unviable** target pests may be found after a temperature treatment.

Arguments on both sides: scientifically correct, but there are no examples of countries accepting this.

The SC *agreed* with the <u>inclusion</u> of this statement, as it is scientifically correct.





Other relevant information

Appendix: Guidance for temperature treatment efficacy studies

With information to help with the development of research protocols

To support **treatment submissions** for ISPM 28
(*Phytosanitary treatments for regulated pests*)





Thank you



